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Fuchs et al.
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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A method for isolating a self-renewing, multipotent, slow-cycling cell comprising obtaining a population of cells from a sample and sorting the population of cells based on the presence of CD34 and the amount of a selected slow-cycling cell marker expressed by each cell, so that a self-renewing, multipotent, slow-cycling cell is isolated, wherein the selected slow-cycling cell marker is selected from the group of Transcription Factor 3, Transcription Factor 4, Alpha 6 Integrin, G-Protein-Coupled Receptor 49 and Bone Morphogenetic Protein Receptor 1A.

Claims 2-20 (canceled).